

## Refine Search

### Search Results -

Term	Documents
(30 NOT 18).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9
(L30 NOT L18 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L31

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Tuesday, April 26, 2005   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
<u>L31</u>	L30 not l18	9	<u>L31</u>
<u>L30</u>	L28 same ((single or one) near2 phase)	9	<u>L30</u>
<u>L29</u>	L28 with ((single or one) near2 phase)	0	<u>L29</u>
<u>L28</u>	L27 with (nonporous or non-porous or (non near2 porous) or (pore near2 free) or impermeable)	3104	<u>L28</u>
<u>L27</u>	(polymer or resin) with (separator or (separat\$3 near2 film or plate or device) or membrane)	390035	<u>L27</u>

<u>L26</u>	L24 not l20	5	<u>L26</u>
<u>L25</u>	L24 not l22	7	<u>L25</u>
<u>L24</u>	l1 same membrane same impermeable	8	<u>L24</u>
<u>L23</u>	L10 and impermeable	32	<u>L23</u>
<u>L22</u>	L10 same impermeable	1	<u>L22</u>
<u>L21</u>	L20 not l19	9	<u>L21</u>
<u>L20</u>	L2 with impermeable	10	<u>L20</u>
<u>L19</u>	L10 with impermeable	1	<u>L19</u>
<u>L18</u>	L15 not l11	4	<u>L18</u>
<u>L17</u>	L14 not l12	1	<u>L17</u>
<u>L16</u>	L15 and l14	0	<u>L16</u>
<u>L15</u>	L10 same (nonporous or non-porous or (non near2 porous) or (pore near2 free))	7	<u>L15</u>
<u>L14</u>	L10 same ((single or one) near2 phase)	2	<u>L14</u>
<u>L13</u>	L11 not l12	3	<u>L13</u>
<u>L12</u>	L10 with ((single or one) near2 phase)	1	<u>L12</u>
<u>L11</u>	L10 with (nonporous or non-porous or (non near2 porous) or (pore near2 free))	3	<u>L11</u>
<u>L10</u>	l1 with membrane	355	<u>L10</u>
<u>L9</u>	US-20040102587-\$.did.	2	<u>L9</u>
<u>L8</u>	L5 not l7	22	<u>L8</u>
<u>L7</u>	l5 and ((electrochemical near2 (cell or system)) or battery)	3	<u>L7</u>
<u>L6</u>	L5 not l3	20	<u>L6</u>
<u>L5</u>	L4 and (separator or (separat\$3 near2 film or plate or device) or membrane)	25	<u>L5</u>
<u>L4</u>	L1 with ((single or one) near2 phase)	30	<u>L4</u>
<u>L3</u>	L2 with ((single or one) near2 phase)	5	<u>L3</u>
<u>L2</u>	L1 with (separator or (separat\$3 near2 film or plate or device) or membrane)	662	<u>L2</u>
<u>L1</u>	(hydrophobic near2 (polymer or resin)) with (hydrophilic near2 (polymer or resin))	4655	<u>L1</u>

END OF SEARCH HISTORY

**DATE: Tuesday, April 26, 2005**    [Printable Copy](#)    [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	L2 and (separator with (polymer or polymer\$3))	97	<u>L3</u>
<u>L2</u>	L1 with (electrochemical cell or battery)	975	<u>L2</u>
<u>L1</u>	(anode or negative electrode) with (tin or Sn)	9932	<u>L1</u>

END OF SEARCH HISTORY